April, 1998 are as under:

(All figures in MU)

State/ Region	1997-98 Requi-rement	Avail-ability	Short-age	(%)	April, 98 Requir-ement	Avail-ability	Short-age	(%)
Andhra Pradesh	41599	35606	5993	14.4	3608	3103	505	14.0
Karnataka	26577	21192	5385	20.3	2300	1955	345	15.0
Kerala	11611	9404	2207	19.0	1050	934	116	11.0
Tamilnadu (incl. Pondicherry)	37870	32550	5320	14.0	3468	2844	624	18.0
Delhi	14952	14676	276	1.8	1290	1271	19	1.5

(b) To enhance the power availability in the Southern States arrangements have been made to transfer surplus power to these States from the Eastern other Regions/States. The details are given as under:

(i) ANDHRA PRADESH:

(All figures in Million Units)

	Jan-98	Feb '98	March, '98	April, '98
From Eastern Region	41.38	92.85	109.64	108.23
From Western Region (at Ramagundam point)	43.45	87.86	132.38	4.34

After commissioning of 400 KV Jeypore-Gazuwaka D/C line (pending commissioning of HVDC back to back terminal at Gazuwaka), it would be possible to transfer about 320 MW of power in radial mode from the Eastern Region including 150 MW presently being done on Balimela-Upper Sileru 220 KV line. For this transfer of Power, APSEB is required to install shunt capacitors and augment some transmission network in their system.

(ii) KARNATAKA:

From Maharashtra	—	—	7.86	33.31

(iii) KERALA:

From Eastern Region	—	60.05	69.52	68.88

(iv) TAMIL NADU:

From Maharashtra	—	—	8.47	3.79
From Punjab	—	—		61.96

(c) To increase the energy availability in Delhi, the allocation from the unallocated output of Central Sector stations in Northern Region has been enhanced from 10% to 25% with effect from 1st April, 1998.

Gas and Coal based power plants

831. SHRI RAHASBIHARI BARIK: Will the Minister of POWER be pleased to state:

(a) the number of Gas and Coal based power plants set up in the country;

(b) the capacity of these plants;

(c) whether these plants have started commercial production;

(d) if so, since when; and

(e) the details in this regard?

THE MINISTER OF POWER (SHRI R. KUMARAMANGALAM): (a) There are 23 major gas based and 73 major coal based power plants in the country.

(b) The total installed capacity of gas based power plants is 7300 MW and that of coal based plants is 51950 MW (rounded) as on 30.4.1998.

(c) All these power plants are in operation.

(d) and (e) These plants were installed in different years beginning from 1950 onwards.

विद्युत वित्त निगम द्वारा ऋण आवेदनों की जांच में विलंब

832. **श्री ईश दत्त यादव**:

चौधरी हरमोहन सिंह यादव :

क्या विद्युत मंत्री यह बताने की कृपा करेंगे कि :

(क) क्या यह सच है कि विद्युत वित्त निगम द्वारा ऋण आवेदनों की जांच करने में काफी विलम्ब किया जाता है ;

(ख) यदि हां, तो इसके क्या कारण है; और

(ग) सरकार ने ऋण आवेदनों के जांच कार्य को तेज करने हेतु क्या प्रयास किए है?

विद्युत मंत्री (श्री रंगराजन कुमारमंगलम) : (क) जी, नहीं । विद्युत वित्त निगम (पीएफसी) द्वारा परियोजना ऋण संबंधी आवेदनों का मूल्यांकन करने में कोई विलम्ब नहीं किया जाता है । प्रस्तावों और सभी संबंधित सूचनाएं प्राप्त करने के पश्चात् आवेदनों पर शीध्रतापूर्वक कार्रवाई की जाती है ।

(ख) और (ग) उपरोक्त (क) को मद्देनजर रखते हुए प्रश्न उत्पन्न नहीं होते ।

Gas Based power projects

833. SHRI SANJAY DALMIA:
DR. MOHAN BABU:

Will the Minister of POWER be pleased to state:

(a) the number of gas based power plants functioning in the country at present. State-wise;

(b) the number out of them set up with the foreign financial and technical assistance;

(c) the total power generated by these power plants during 1997;

(d) whether the power generated by petroleum products is costly compared to other means of production i.e. thermal or hydel; and

(e) if so, the reasons for opting more gas based plants in the country?

THE MINISTER OF POWER (SHRI R KUMARAMANGALAM): (a) As on 31.3.1998, 26 major gas based power stations are in operation in the country as per details given in the statement. *(See* below)

(b) 16 gas based stations have received foreign. Financial/technical assistance.

(c) The total energy generated by gas based stations during 1997-98 was 35429 million units.

(d) and (e) The cost of generation from the Plants based on petroleum products set up recently, is more than the hydel plants and in some case more than thermal plants. However, generally the variable cost in respect of petroleum product plants is higher than that of thermal & hydel plants whereas the fixed cost is less than thermal & hydel plants. The main reasons for opting for more gas based power plants is their short gestation period compared to thermal & hydro plants and for meeting part of the power deficit in the country in a shorter period.

Statement

State-wise number of gas based power stations as on 31.3.98

S.No.	Name of Gas based stations	State
1.	Anta	Rajasthan
2.	Auriya	Uttar Pradesh
3.	Dadri	Uttar Pradesh
4.	Kawas	Gujarat
5.	Gandhar	Gujarat
6.	Kathalguri	NEEPCO
7.	I.P. Gas TUrbine	Delhi
8.	Ramgarh	Rajasthan